ADELAB SCIENTIFIC
36 Holland Street
Thebarton SA 5031
Ph 08 8234 7955
Fax 08 8234 7897
Email: info@adelab.com.au
Web: www.adelab.com.au

Multi-Parameter

Do more with less – intelligent instruments that allow you to measure multiple parameters.

Tester:

1. PCSTestr™ 35
2. PCTestr™ 35
3. PTTestr™ 35

Handheld:

1. CyberScan PCD 650
2. CyberScan PC 650
3. CyberScan PD 650
4. CyberScan CD 650
5. CyberScan PD 300
6. CyberScan PC 300
7. CyberScan PC 10

Bench:

1. CyberScan PCD 6500
2. CyberScan PC 6500
3. CyberScan PC 6000
4. PC 2700
5. PC 700

"I rely on Eutech Testrs to help me provide the best soil and nutrients for my plants."

PCSTestr™ 35 ; PCTestr™ 35 ; PTTestr™ 35

pH/Conductivity/TDS/Salinity/°C/°F | pH/Conductivity/°C/°F | pH/TDS/°C/°F

Basic multi-parameter measurements on-the-go is so easy! Eutech's Testr 35 multi-parameter series allows you to measure pH, conductivity, TDS, salinity and temperature with just one handy instrument. Made to fit your pocket – both in size and budget.

"One-Press" Parameter Toggle: Multi-Parameter Measurement Is So Easy!

Step 1: Immerse tester sensor in solution

Step 2: Measure and read

Step 3: Press "MODE ENT" to toggle to the next parameter

User-replaceable pH/Conductivity sensor with ATC

Applications

• Pools and spas • Aquariums and fish farms • Agriculture and hydroponics • Cooling towers • Food processing • Water and wastewater treatment • Photo-development • Printing and chemical industries • Electroplating rinse tanks • Drinking water • Verification of reverse osmosis system operation • Recirculating system • Labs and ecological studies

- Comes in three multi-parameter models – PCSTestr 35, PCTestr 35 and PTTestr 35 (see spec tables for more details)
- Full pH range measurement at up to 0.01 pH resolution
- Pure, medium and high Conductivity/TDS ranges – tester measures pure water!
- Up to 5-point pH calibration and 3-point Conductivity calibration
- Adjustable TDS factor and Temperature coefficient
- User-friendly and easy to use with menu-driven set-up
- Conserves power with selectable auto-off function

Models		PCSTestr 35	PCTestr 35	PTTestr 35
Multi-Parameter Pocket Testers Specifications				
Measuring Parameter		pH / Conductivity / TDS / Salinity / °C / °F	pH / Conductivity / °C / °F	pH / TDS / °C / °F
Highlights		Waterproof, temp. display, 0.01 pH resolution, replaceable sensor	Waterproof, temp. display, 0.1 pH resolution, replaceable sensor	
pH	Range	0.00 to 14.00 pH	0.0 to 14.0 pH	
	Resolution	0.01 pH	0.1 pH	
	Accuracy	±0.01 pH	±0.1 pH	
	Cal. Points	Up to 5 (auto)		
	Auto-Buffer Recognition	Yes		
Conductivity	Range	0.0 to 199.9 µS / 200 to 1999 µS / 2.00 to 20.00 mS	0 to 1999 µS / 2.00 to 20.00 mS	–
	Resolution	0.1 µS / 1 µS / 0.01 mS	1 µS / 0.01 mS	–
	Accuracy	±1 % full scale		–
	Cal. Points	3 auto, 3 manual	2 auto, 2 manual	–
	Temperature Coefficient	0.0 to 10.0 % / °C		
	Normalisation Temperature	25.0 °C		
	Auto-Ranging	Yes		
TDS	Range	0.0 to 99.9 ppm / 100 to 999 ppm /1.00 to 10.00 ppt	–	0 to 999 ppm / 1.00 to 10.00 ppt
	Resolution	0.1 ppm / 1 ppm / 0.01 ppt	–	1 ppm / 0.01 ppt
	Accuracy	±1 % full scale	–	±1 % full scale
	Cal. Points	Up to 3 (manual)	–	Up to 2 (manual)
	TDS Factor	0.40 to 1.00	–	0.40 to 1.00
Salinity	Range	0.0 to 99.9 ppm / 100 to 999 ppm / 1.00 to 10.00 ppt / 0.0 to 1.00 %	–	
	Resolution	0.1 ppm / 1 ppm / 0.01 ppt / 0.01 %	–	
	Accuracy	±1 % full scale *	–	
	Cal. Points	1 (manual, above 1.00 ppt)	–	
Temperature	Range	0 to 50.0 °C / 32 to 122.0 °F		
	Resolution	0.1 °C / 0.1 °F		
	Accuracy	0.5 °C / 0.9 °F		
Meter Features	Temperature Compensation	ATC / MTC		
	Sensor Type	pH / Conductivity / TDS / Salinity / Temperature		
	Non-Volatile Memory	Yes		
	Auto-Off	8.5 mins after last key pressed (can be disabled)		
	LCD Display	Dual-display LCD (2.1 x 2.7 cm)		
	Power	4 x 1.5 V 'A76' micro alkaline batteries		
Dimensions (LxWxH); Weight	Tester	16.5 x 3.8 cm ; 90 g		
	Boxed	18.5 x 6.5 x 5 cm ; 200 g		

** Applicable from 100 ppm to 10.00 ppt / 0.0 to 1.00 %*

Multi-Parameter Pocket Testers

Item	Order Code	Part No.	Parameters					Sensor	Accessories	
			pH	Conductivity	TDS	Salinity	Temperature	Multi-Parameter Sensor (PCSENSOR)	Lanyard	Alkaline Button Cell Batteries
PCSTestr 35	PCSTEST35	01X441506	•	•	•	•	•	•	•	•
PCTestr 35	PCTEST35	01X441504	•	•			•	•	•	•
PTTestr 35	PTTEST35	01X441505	•		•		•	•	•	•

Replacement Sensors & Electrodes

Used With	Description	Order Code	Part No.
PCSTestr 35 / PTTestr 35 / PCTestr 35	Replacement pH / Conductivity / Temperature sensor	PCSENSOR	01X097108

Accessories

Used With	Description	Order Code	Part No.
All testrs	Belt-loop soft carrying case for testr	ECPOUCH01	56X201300
All testrs	Alkaline button cell batteries (50 units per pack)	ECBATT14	01X220401

CyberScan PCD 650

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/Dissolved Oxygen/ºC/ºF

A Eutech Star Buy! Combining the key features of the CyberScan 600 series, Eutech's CyberScan PCD 650 enables concurrent measurement of three parameters in addition to temperature, all of which can be simultaneously displayed on the comprehensive customized LCD screen. With the incorporated IrDA wireless technology, data transfer from meter to computer is a breeze.

Available in complete kit version

Waterproof external power input

Complimentary Cybercomm 600 software – download data from meter to PC as text or Excel® spreadsheet

Applications

Environmental: *Use to test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and meet EPA regulations.*

Water Quality Testing: *For analysing water hard water, drinking water, effluent water, and incoming process water. Ideal for all types of quality assurance and water quality testing.*

Industrial: *For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.*

Aquacultural: *Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and in other fish farming applications.*

Wide Measurement Ranges

- Measures accuracy of up to ±0.002 pH and resolution of up to 3-decimal points
- Accepts 2-cell and 4-cell Conductivity probe, enabling it to measure a wide Conductivity range of up to 500 mS/cm – meter measures pure water!
- Measures 90.00 mg/L in DO concentration and 600 % in DO saturation – one of the widest Dissolved Oxygen measurement ranges offered in the handheld market today!

User-Friendly

- Rugged and waterproof for applications in harsh environments
- Step-by-step prompts that guide users through set-up, calibration and trouble-shooting
- High/low set-points function for quality control checks – meter warns when readings fall outside set limit
- Built-in barometer for auto-pressure correction

Advanced Data-Management

- Meter automatically logs up to 500 readings with time and date in GLP-compliant format
- RS232C through LED*, IrDA wireless communications technology
- Non-volatile memory protects information and meter settings, even when batteries run out
- Password protection to prevent tampering

** RS232C (LED) interface adapter available as separate accessory (order code: 01X344201)*

CyberScan PC 650 ; CyberScan PD 650 ; CyberScan CD 650

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/ºC/ºF ; pH/ORP/Ion/Dissolved Oxygen/ºC/ºF ; Conductivity/TDS/Salinity/Resistivity/Dissolved Oxygen/ºC/ºF

Collecting multi-parameter data in the filed is a breeze with Eutech's CyberScan 650 handheld series. PC 650, PD 650 and CD 650 delivers quick, lab-accurate measurements of pH, ORP, Ion, Conductivity, TDS, Resistivity, Salinity, Dissolved Oxygen and/or Temperature simultaneously. Comprehensive dual-channel display allows you to view two parameters at the same time, along with electrode data and calibration information – all of which can be easily transferred from meter to computer via the incorporated wireless IrDA port.

PD 650 screen

CD 650 screen

Wireless data transfer

Sturdy rubber boot
doubles up as meter stand

Velcro strap
for firmer grip

Wide Measurement Ranges

- Measures accuracy of up to ±0.02 pH and resolution of up to 3-decimal points (PC 650 and PD 650)
- Features a wide conductivity measurement range of up to 500 m/s – meter measures pure water! (PC 650 and CD 650)
- Offers one of the widest dissolved oxygen measurement ranges available in the handheld market today (PD 650 and CD 650)

User-Friendly

- Rugged and waterproof for applications in harsh environments
- Step-by-step prompts that guide users through set-up, calibration and trouble-shooting

Advanced Data-Management

- Meter automatically locks in up to 500 readings with time and date in GLP-compliant format
- Wireless information transfer from meter to computer
- Non-volatile memory protects information and meter settings, even when batteries run out
- Four levels of password protection to prevent tampering

ATC | MTC | GLP | AUTO-BUFFER | AUTO-CAL | APC | IrDA | RS232 | 3 Year Meter Warranty | IP 67 | CE

Applications

Environmental: *Use to test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and meet EPA regulations.*

Water Quality Testing: *For analysing water hard water, drinking water, effluent water, and incoming process water. Ideal for all types of quality assurance and water quality testing.*

Industrial: *For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.*

Aquacultural: *Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and in other fish farming applications.*

CyberScan PD 300

pH/Dissolved Oxygen/ºC/ºF

Toggle between DO (% sat or mg/L) and pH with a simple keypress. No waiting time is required with the galvanic probe that delivers quick, stable response. With adjustable backlit large dual-display LCD for optimised view, this multi-parameter meter is ideal for outdoor field measurement in dim surroundings.

Applications

Industrial: *Ideal for checking quality of plant water intake and discharge, wastewater and water treatment, recirculating systems and industrial process systems. Ideal for pH checks in water conditioning plants, cooling towers, plating and finishing operations, and chemical process verification.*

Aquacultural: *Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and in other fish farming applications.*

Environmental: *Use to test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and to meet EPA regulations.*

Educational: *Ideal for quick, accurate DO readings in laboratories and schools.*

- Multi-parameter PD 300 measures pH, Dissolved Oxygen and Temperature
- Up to 5-point pH push button calibration
- 2-point calibration for Dissolved Oxygen measurement
- Advanced setup mode possible
- Rugged carry-all meter kits available

CyberScan PC 300 ; CyberScan PC 10

pH/Conductivity/TDS/ºC/ºF pH/Conductivity/ºC

pH, conductivity and temperature measurements all conveniently packed into one handheld meter – the CyberScan PC 300 features easy interchangeability of specialty electrodes for specific applications; CyberScan PC 10 comes with a combined multi-sensor submersible probe: no need to change probes to measure different parameters!

User-customisation for enhanced flexibility and viewing of meter information
PC 300
PC 10
Multi-sensor submersible probe

Available in complete kit version

- Toggles between pH/Temperature and Conductivity/Temperature with the touch of a button. PC 300 also measures TDS
- Waterproof to IP67 standard – meter floats for easy retrieval!
- Multi-point push-button calibration
- Auto-buffer recognition for pH calibration
- Auto-ranging for Conductivity measurements
- Meter prompts when reading has stabilised
- Large, easy to read LCD screen

ATC MTC AUTO-BUFFER

Applications

Industrial: *For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.*

Water Quality Testing: *For analysing water hard water, drinking water, effluent water, and incoming process water. Ideal for all types of quality assurance and water quality testing.*

Environmental/Agricultural: *For ecology studies, aquaculture and hydroponics.*

Educational: *Ideal for quick pH and Conductivity checks in laboratories and schools.*

Models		PCD 650	PC 650	PD 650	CD 650	PD 300	PC 300	PC 10
Multi-Parameter Handheld Meters Specifications								
Measuring Parameter		pH / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / Dissolved Oxygen / °C / °F	pH / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / °C / °F	pH / ORP / Ion / Dissolved Oxygen / °C / °F	Conductivity / TDS / Salinity / Resistivity / Dissolved Oxygen / °C / °F	pH / Dissolved Oxygen / °C / °F	pH / Conductivity / TDS / °C / °F	pH / Conductivity / °C
Highlights		Waterproof, GLP, RS232C, IrDA, multi-parameter display				Waterproof with back lighting	Waterproof, speciality probe compatible	Waterproof, combined multi-submersible probe
pH	Range	-2.000 to 20.000 pH			–	-2.00 to 16.00 pH		0.00 to 14.00 pH
	Resolution	0.1 / 0.01 / 0.001 pH			–	0.01 pH		
	Accuracy	±0.002 pH			–	±0.01 pH		
	Cal. Points	1 (offset) to 6-points			–	5		3
	Auto-Buffer Recognition	Yes			–	Yes		
	Slope & Offset Display	Yes			–	Yes		–
Ion	Range	0.001 to 19900			–			
	Resolution	2 or 3 digits			–			
	Accuracy	0.5 % full scale (monovalent) ; 1 % full scale (divalent)			–			
	Cal. Points	Up to 8			–			
ORP	Range	±2000.0 mV			–			
	Resolution	0.1 mV			–			
	Accuracy	±0.2 mV			–			
Temperature	Range	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter) 0 to 60.0 °C / 32 to 140 °F (for DO)	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter)	-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter) 0 to 60.0 °C / 32 to 140 °F (for DO)		-10.0 to 110.0 °C / 14.0 to 230.0 °F (meter)		0.0 to 80.0 °C (with supplied probe)
	Resolution	0.1 °C / 0.1 °F						0.1 °C
	Accuracy	±0.5 °C / ±0.9 °F				0.3 °C	±0.5 °C / ±0.9 °F	±0.5 °C
Conductivity	Range	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	–	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS		–	.. to 19.99 / 199.9 / 1999 µS ; .. to 19.99 / 199.9 mS	.. to 19.99 / 199.9 / 1999 µS ; .. to 19.99 mS
	Resolution	0.01µS / 0.1 µS / 0.001mS / 0.01mS / 0.1 mS	–	0.01µS / 0.1µS / 0.001mS / 0.01mS / 0.1 mS		–	0.01 / 0.1 / 1 µS ; 0.01 / 0.1 mS	0.01 / 0.1 / 1 µS ; 0.01 mS
	Accuracy	±1 % full scale + 1 LSD	–	±1 % full scale + 1 LSD		–	±1 % full scale + 1 LSD	
	Cal. Points	4 (1 per range) auto, 5 (1 per range) manual	–	4 (1 per range) auto, 5 (1 per range) manual		–	5 (1 per range) manual	4 (1 per range) manual
	Cell Constant (K)	0.010 to 10.000	–	0.010 to 10.000		–	1.0	
	Temperature Coefficient	Linear & pure	–	Linear & pure		–	0.0 to 10.0 % (adjustable)	2.00 %
	Normalisation Temperature	15 to 30 °C	–	15 to 30 °C		–	15.0 to 30.0 °C (adjustable)	25 °C
	Auto-Ranging	Yes	–	Yes		–	Yes	
TDS	Range (Depending On TDS Factor)	.. to 2.000 ppm 2.000 ppm to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 ppt to 40.00 ppt 40.00 ppt to 500.0 ppt	–	.. to 2.000 ppm 2.000 ppm to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 ppt to 40.00 ppt 40.00 ppt to 500.0 ppt		–	.. to 9.99 / 99.9 / 999 ppm; .. to 9.99 / 99.9 ppt ; Max of 199.9 ppt based on factor setting	–
	Resolution	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt / 0.1 ppt	–	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt / 0.1 ppt		–	0.01 / 0.1 / 1 ppm ; 0.01 / 0.1 ppt	–
	Accuracy	±1 % full scale + 1 LSD	–	±1 % full scale + 1 LSD		–	±1 % full scale + 1 LSD	–
	Conversion Factor	0.40 to 1.0	–	0.40 to 1.0		–	0.40 to 1.0	–

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Models		PCD 650	PC 650	PD 650	CD 650	PD 300	PC 300	PC 10
Multi-Parameter Handheld Meters Specifications								
Salinity	Range	.. to 0.770 ppm 0.770 ppm to 143.3 ppm 143.3 ppm to 2.138 ppt 2.138 ppt to 23.64 ppt 23.64 ppt to 80.00 ppt		–	.. to 0.770 ppm 0.770 ppm to 143.3 ppm 143.3 ppm to 2.138 ppt 2.138 ppt to 23.64 ppt 23.64 ppt to 80.00 ppt	–		
	Resolution	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt		–	0.01 ppm / 0.1 ppm / 0.001 ppt / 0.01 ppt	–		
	Accuracy	±1 % full scale + 1 LSD		–	±1 % full scale + 1 LSD	–		
Resistivity	Range	2.000 Ω to 25.00 Ω 25.00 Ω to 250.0 Ω 250.0 Ω to 3.333 kΩ 3.333 kΩ to 500.0 kΩ 500.0 kΩ to 20.00 MΩ		–	2.000 Ω to 25.00 Ω 25.00 Ω to 250.0 Ω 250.0 Ω to 3.333 kΩ 3.333 kΩ to 500.0 kΩ 500.0 kΩ to 20.00 MΩ	–		
	Resolution	0.01 Ω / 0.1 Ω / 0.001 Ω / 0.1 Ω / 0.01 MΩ		–	0.01 Ω / 0.1 Ω / 0.001Ω / 0.1 Ω / 0.01 MΩ	–		
	Accuracy	1 % full scale		–	1 % full scale	–		
Dissolved Oxygen	Range	0.00 to 90.00 mg/L or ppm	–	0.00 to 90.00 mg/L or ppm		0.00 to 20.00 mg/L or ppm	–	
	Resolution	0.01 mg/L ; 0.01 ppm	–	0.01 mg/L ; 0.01 ppm			–	
	Accuracy	±0.2 mg/L	–	±0.2 mg/L		±1.5 % full scale	–	
	Cal. Points	1	–	1			–	
	Probe	Galvanic with integral temperature sensor	–	Galvanic with integral temperature sensor			–	
% Saturation of Oxygen	Range	0 to 600.0 %	–	0 to 600.0 %		0.0 to 200.0 %	–	
	Resolution	0.1 %	–	0.1 %		0.1 %	–	
	Accuracy	±2.0 %	–	±2.0 %		±1.5 % full scale	–	
Salinity Correction	Range	0.0 to 50.0 ppt	–	0.0 to 50.0 ppt		0.0 to 50.0 ppt	–	
	Resolution	0.1 ppt	–	0.1 ppt			–	
	Method	Automatic / manual	–	Automatic correction after manual input	Automatic / manual	Automatic correction after manual input	–	
Barometric Pressure Correction	Range	450 to 825 mmHg or 59.9 to 109.9 kPa	–	450 to 825 mmHg or 59.9 to 109.9 kPa		500 to 1499 mmHg or 66.6 to 199.9 kPa	–	
	Resolution	0.1 mmHg or 0.1 kPa	–	0.1 mmHg or 0.1 kPa			–	
	Method	Automatic correction with built-in sensor	–	Automatic correction with built-in sensor		Automatic correction after manual input	–	
Meter Features	Temperature Compensation	ATC / MTC (0 to 100 °C)						
	GLP	Yes				–		
	Cal-Due Alarm	Yes				–		
	IP67	Yes						
	Datalogging	Yes				–		
	Memory	500 data sets				50 data sets	–	
	Operating Temperature	0 to 50 °C						
	Ready Function	Yes						
	Hold Function	Yes						
	LCD Display	Dot-matrix LCD with backlight (5.4 x 7.1 cm)				Dual-display LCD with backlight (5.8 x 3.3 cm)	Dual-display LCD (5.8 x 3.3 cm)	
	Auto-Off	2 to 30 mins after last key pressed				20 mins after last key pressed		
	Input	DC phono sockets, BNC, 8-pin connector, 6-pin connector	DC phono sockets, BNC, 8-pin connector	DC phono sockets, BNC, 8-pin connector 6-pin connector	DC phono sockets, 6-pin connector, 8-pin connector	BNC, 6-pin connector		6-pin connector
	Output	IrDA, RS232C (via LED) *				–		
	Power	4 x 1.5 V 'AA' alkaline batteries or 9 V DC adapter, 500 mA				4 x 1.5 V 'AAA' alkaline batteries		
	Battery Life	> 200 hrs		> 400 hrs	> 200 hrs	> 100 hrs		> 50 hrs
Dimensions (LxWxH); Weight	Meter	18.3 x 9.5 x 5.7 cm ; 460 g				19 x 10 x 6 cm ; 700 g	19 x 10 x 6 cm ; 320 g	
	Boxed	40 x 33 x 10 cm ; 3200 g				40 x 33 x 10 cm ; 2180 g		

** RS232C (LED) interface adapter available as separate accessory (see page 78 for order information)*

Multi-Parameter Handheld Meters – CyberScan 600 Series

Item	Order Code	Part No.	Parameters								Electrodes				Accessories			
			pH	ORP	Ion	Conductivity	TDS	Salinity	Resistivity	Dissolved Oxygen	Temperature	pH Electrode (ECFC7252203B)	4-Cell Conductivity Probe (CONSEN9203J)	Dissolved Oxygen Probe (ECDOHANDYNEW)	ATC Probe (PHWPTEM03J)	CyberComm 600 DAS Software	Multi-Probe Holder	Power Adapter	CyberScan Carry Kit Set With Calibration Stds
PCD 650	ECPCDWP65044K	01X430902	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
PC 650	ECPCWP65043K	01X430602	•	•	•	•	•	•	•		•	•	•			•	•	•	•
PD 650	ECPDWP65043K	01X430702	•	•	•					•	•	•		•	•	•	•	•	•
CD 650	ECCDWP65043K	01X430802				•	•	•	•	•	•		•	•		•	•	•	•

Multi-Parameter Handheld Meters – CyberScan 300 Series & 10 Series

Item	Order Code	Part No.	Parameters								Electrodes					Accessories			
			pH	ORP	Ion	Conductivity	TDS	Salinity	Resistivity	Dissolved Oxygen	Temperature	pH Electrode (ECDA9350603B)	pH Electrode (ECFC7252201B)	2-Cell Conductivity Probe (CONSEN91W)	Dissolved Oxygen Probe (ECDOHANDYNEW)	pH / Cond Combination Probe (ECCOMBI03M)	Electrode Holder (x2)	Assembled Membrane Cap Housing	Refilling Electrolyte	CyberScan Carry Kit Set With Calibration Stds
PD 300	ECPDWP30003K	01X267001	•							•	•	•			•			•	•	•
PC 300	ECPCWP30003K	01X262901	•			•	•				•		•	•			•			•
PC 10	ECPCWP1003K	01X268701	•			•					•					•				•

Replacement Electrodes

Used With	Description	Order Code	Part No.
PCD 650 / PD 650 / CD 650 / PD 300	Galvanic Dissolved Oxygen electrode, ATC, 10 ft cable with assembled membrane cap housing, refilling electrolyte and scouring pad	ECDOHANDYNEW	01X239601
PCD 650 / PC 650 / PD 650	General purpose plastic-body double junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 3 m cable	ECFC7252203B	01X417010
PCD 650 / PC 650 / PD 650	ATC probe, 3 m cable	PHWPTEM03J	01X021820
PCD 650 / PC 650 / CD 650	4-cell epoxy-body Conductivity electrode with ATC, cell constant K=1.0, 12 x 120 mm, 8-pin connector, 3 m cable	CONSEN9203J	01X244723
PC 300	General purpose plastic-body double junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 1 m cable	ECFC7252201B	01X099417
PC 300	2 stainless steel rings ultem-body Conductivity electrode with ATC, cell constant K=1.0, 16 x 144 mm, 6-pin connector, 1 m cable	CONSEN91W	01X244702
PD 300	Submersible gel-filled pH combination electrode with 15 cm ABS guard; single annular ceramic junction, 3 m cable	ECDA9350603B	93X218879
PC 10	Combined pH combination electrode and 2-pin stainless steel Conductivity electrode with ATC, 15 cm ABS guard, 3 m cable	ECCOMBI03M	01X234601

Accessories

Used With	Description	Order Code	Part No.
PCD 650 / PC 650 / PD 650 / CD 650	100 / 240 VAC SMPS power adapter, 9 V, 6 W, centre +ve power adapter with US / UK / EUR / Japan plug	01X030132	01X030132
PCD 650 / PC 650 / PD 650 / CD 650	RS232C (LED) interface adapter	91100-85	01X344202
PCD 650 / PC 650	pH / Conductivity kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), KCl standard solution (12.88 mS), deionised (rinse) water	ECPCWP650KIT	01X430205
PD 300	CyberScan pH carry kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), storage solution, deionised (rinse) water	ECPHWPKIT	01X266801
PD 300	Assembled membrane cap housing	15X241402	15X241402
PD 300	DO refilling electrolyte (60 ml)	01X211226	01X211226
PD 300	Membranes & o-rings (pack of 5 units)	01X241603	01X241603
PC 10 / PC 300	pH / Conductivity kit set – plastic carry case, buffer solutions (pH 4.01, pH 7.00), KCl standard solutions (1413 uS, 12.88 mS)	ECPCWPKIT	01X266803
12 mm diameter electrode	Electrode holder	15X000700	15X000700
16 mm diameter electrode	Electrode holder	15X000702	15X000702

CyberScan PCD 6500

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/Dissolved Oxygen/BOD/OUR/SOUR/°C/°F

Top-of-the-line, research-grade CyberScan PCD 6500 touchscreen meter measures and displays up to four channels at one time. With up to ten measurement parameters to choose from, the PCD 6500 features advanced design that prevents cross talk or other interferences. Plus, automatic five day BOD testing with sample identity, as well as comprehensive communications capabilities that allows you to send your data to any computer in the world via internet – directly from the meter!

World's first Windows® CE-driven colour touchscreen bench meter

OUR, SOUR and auto five day EPA-compliant BOD measurement with self-stirring probe

Direct printing of data during measurement

Secure log-in for up to ten users

Application software with technical controls for 21 CFR Part 11

(software sold separately)

- Up to four channels measured and displayed simultaneously without cross channel interference
- Wide pH and ORP measurement range: -2.000 to 20.000 pH and ± 2000.0 mV
- 'Direct/indirect', 'known addition/subtraction' and 'analate addition/subtraction' Ion measurement methods in ppm, %, mg/mL and mole/L
- Built-in replatinising circuit – replatinisation procedure in less than 5 minutes!
- DO measurement includes five-day BOD testing, OUR, and SOUR and simple DO measurements
- Single-point and multi-point standardization for Conductivity, Resistivity, TDS and Salinity measurements using 2-cell and 4-cell probes
- Secure log-in for up to ten users

ATC | MTC | GLP | AUTO-BUFFER | AUTO-CAL | APC | IrDA | USB | 3 Year Meter Warranty | CE

1 year warranty for touchscreen display; 3 years warranty for all other meter components.

Applications

• Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

CyberScan PC 6500 ; CyberScan PC 6000

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/°C/°F

pH/ORP/Conductivity/TDS/Salinity/Resistivity/°C/°F

Simplify lab work with the multi-channel capabilities of the Eutech CyberScan PC 6500. Advanced design ensures no cross-talks during multi-parameter measurements. Built-in replatinising circuit allows a quick, replatinisation procedure in no more than five minutes, while extensive communications capabilities allows you to send your information to any computer in any format you want – using a USB port, wirelessly via the IrDA, through a local server via LAN connection or over the internet to any computer in the world!

Multiple communications capabilities

Single point and multi-point standardization for Conductivity, Resistivity, TDS and Salinity measurements

Application software with technical controls for 21 CFR Part 11

(software sold separately)

World's first Windows® CE-driven colour touchscreen bench meter

Internet/ethernet-ready connection for direct on-line access
Effortless navigation with familiar Windows® user-interface
Stores up to 1000 data sets per parameter
View and display three channels simultaneously without cross channel interference
PC 6500
CyberScan
EUTECH INSTRUMENTS

- Simultaneous measurement and display of up to three channels (two channels for PC6000) with no cross channel interferences
- Wide pH and ORP measurement range: -2.000 to 20.000 pH and ± 2000.0 mV
- 'Direct/indirect', 'known addition/subtraction' and 'analate addition/subtraction' Ion measurement methods in ppm, %, mg/mL and mole/L
- Advanced real-time on-screen graphing function provides useful indication for specific measurements such as titration
- Extensive setup screens enables you to customise meter to your needs, e.g. cell constant, temperature coefficient, TDS factor, alarm limits and other functions
- Secure log-in for up to ten users

ATC | MTC | GLP | AUTO-BUFFER | AUTO-CAL | IrDA | USB | 3 Year Limited Warranty | CE

1 year warranty for touchscreen display; 3 years warranty for all other meter components.

Applications

• Pharmaceutical manufacturing • Research and lab course work • Forensic analysis • Life sciences and medical researches • Environmental testing labs • Wastewater and drinking water facilities • Food processing and beverage production

PC 2700

pH/ORP/Ion/Conductivity/TDS/Salinity/Resistivity/ºC/ºF

Your all-in-one solution for multi-parameter research work in the lab! The new PC 2700 is accurate, reliable and intuitive with user-friendly functions. Meter comes with a multi-data screen that includes Temperature, electrode status, calibration points, date and time along with your desired measurement parameter. PC 2700 measures pH, ORP, Ion, Conductivity, TDS, Salinity, or Resistivity!

Stability display – faded out and then turns completely black when stable

Bright backlight/ illuminated display

Download the latest software from our website Coming soon!

- Choose auto-calibration with preset values for quick easy calibration, or manual multi-point calibration for greater accuracy
- Easy standardization with auto-standardization feature – detect the exact cell constant value of your electrodes with the press of a button
- Up to 6-point calibration with auto-buffer recognition
- Includes high performance 4-cell Conductivity probe
- Quick, easy electrode diagnosis with the effective cell constants display
- Non-volatile memory holds up to 500 data points – time and date-stamped for GLP compliance
- Bi-directional RS232 for easy data transfer to computer
- Cal-due alarm – no more out-dated calibrations!
- Auto-logging function for convenient continuous monitoring
- Limit alarm alerts when reading falls out of range
- Password protection for setup and calibration

Electrode arm and bracket available as separate accessory (order code: 01X321801) – please refer to page 111

ATC | MTC | GLP | AUTO-BUFFER | AUTO-CAL | RS232 | 3 Year Meter Warranty | CE

Applications

• Water quality testing • Checking metal finishes • Solutions • Cooling tower water • Printing fountain solutions • Boiler water • Brines • Drilling mud • Rinse tanks • Ponds • Pollution control • Recirculating systems • Waste water • Industrial process systems • General use in laboratories • Titration • Quality assurance • Ecological studies • Food-processing

PC 700

pH/ORP/Conductivity/TDS/ºC/ºF

The multi-parameter Eutech PC 700 measures pH, ORP, conductivity and temperature with a single meter. User-friendly with advanced features and a large custom-size display – perfect for research work on a budget!

Larger display

Electrode arm can be used on either side

Splashproof keypad

Non-skid foot pads

Integrated electrode holder

Fast response

Quick reference guide

Applications

• Water quality testing • Checking metal finishes • Solutions • Cooling tower water • Printing fountain solutions • Boiler water • Brines • Drilling mud • Rinse tanks • Ponds • Pollution control • Recirculating systems • Waste water • Industrial process systems • General use in laboratories • Titration • Quality assurance • Ecological studies • Food-processing

- Large, comprehensive screen that displays readings, calibration points and electrode indicator
- Ready indicator alerts when readings are stable
- Up to 5-point push button calibration
- Auto-ranging across 5 conductivity ranges
- Non-volatile memory holds up to 100 data points
- Integral electrode holder

** Electrode arm and bracket available as separate accessory (order code: 01X321801) – please refer to page 111*

Models		CyberScan Premium Bench			Deluxe Bench	Economy Bench
		PCD 6500	PC 6500	PC 6000	PC 2700	PC 700
Multi-Parameter Bench Meters Specifications						
Measuring Parameter		pH/pH FET/ORP/Ion/Conductivity /TDS/Salinity/Resistivity/Dissolved Oxygen/BOD/OUR/SOUR/°C/°F	pH / pH FET / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / °C / °F	pH / pH FET / ORP / Conductivity / TDS / Salinity / Resistivity / °C / °F	pH / ORP / Ion / Conductivity / TDS / Salinity / Resistivity / °C / °F	pH / ORP / Conductivity / TDS / °C / °F
Highlights		Windows® CE, 4 channel color touchscreen	Windows® CE, 3 channel color touchscreen	Windows® CE, 2 channel color touchscreen	Graphic LCD with backlight & extensive display	Large LCD with dual display
pH	Range	-2.000 to 20.000 pH			-2.000 to 20.000 pH	-2.00 to 16.00 pH
	Resolution	0.1 / 0.01 / 0.001 pH				0.01 pH
	Accuracy	±0.1 / 0.01 / 0.002 pH + 1 LSD			±0.002 pH	±0.01 pH
	Cal. Points	Up to 5			Up to 6	Up to 5
Ion	Concentration	1×10^{-7} to 9.99×10^{10} ppm		–	0.001 to 19999	–
	Resolution	4 significant figures		–	2 or 3 digits	–
	Accuracy	±0.17 n %		–	0.5 % full scale (monovalent) ; 1 % full scale (divalent)	–
	Cal. Points	Up to 5		–	2 to 8	–
Temperature	Range (Meter)	-5.0 to 105.0 °C / 23.0 to 221.0 °F (DO temp range: 0.0 to 50.0 °C / 32.0 to 122.0 °F)			0.0 to 100.0 °C / 32.0 to 212.0 °F	
	Resolution	0.1 °C / 0.1 °F				
	Accuracy	±0.2 °C / ±0.3 °F			±0.3 °C / ±0.5 °F	±0.5 °C / ±0.9 °F
ORP	Range	±2000.0 mV				±2000 mV
	Resolution	0.1 mV				0.1 mV (±199.9 mV) ; 1 mV (beyond)
	Accuracy	±0.2 mV				±0.2 mV (±199.9 mV) ; ±2 mV (beyond)
Conductivity	Range	.. to 200 µS 200.0 µS to 2.000 mS 2.000 to 20.00 mS 20.00 to 500.0 mS			0.050 µS to 500.0 mS	0.0 µS to 200.0 mS
	Resolution	0.001 / 0.01 / 0.1 µS ; 0.001 / 0.01 / 0.1 mS			0.01 / 0.1 µS ; 0.001 / 0.01 / 0.1 mS	0.01 / 0.1 / 1 µS ; 0.01 / 0.1 mS
	Accuracy	0.5 % full scale + 1 LSD			±1 % full scale	±1 % full scale
TDS	Range	.. to 200.0 ppm 200.0 to 2000 ppm 2.000 to 20.00 ppt 20.00 to 500.0 ppt **			0.050 ppm to 500 ppt (@ TDS factor 1.00)	.. to 100.0 ppt @ 0.5 fact (200.0 @ 1 factor)
	Resolution	0.001 / 0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt			0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt	0.01 / 0.1 / 1 ppm ; 0.01 / 0.1 ppt
	Accuracy	0.5 % full scale + 1 LSD			±1 % full scale	±1 % full scale
Salinity	Range	.. to 1.000 ppt 1.01 to 90.00 ppt			0.0 to 80.0 ppt	–
	Resolution	0.001 / 0.01 ppt			0.1 ppt	–
	Accuracy	0.5 % full scale + 1 LSD			±1 % full scale	–
Resistivity	Range	0 to 200.0 MΩ over 6 ranges			2.000 Ω to 20.0 MΩ	–
	Resolution	0.1 / 0.01 / 0.001 kΩ ; 0.1 / 0.01 / 0.001 MΩ			0.01 / 0.1 Ω ; 0.001 / 0.1 kΩ ; 0.01 MΩ	–
	Accuracy	0.5 % full scale + 1 LSD			±1 % full scale	–
Dissolved Oxygen (BOD, OUR, SOUR)	Range	0 to 60 mg/L ; 0 to 600 % saturation (0 to 1272 mbar)	–			
	Resolution	0.01 mg/L ; 0.1 % saturation (0.1 mbar)	–			
	Accuracy	0.1 mg/L + 1 digit ; 0.1 % + 1 LSD	–			
Meter Features	Temperature Compensation	pH: ATC / MTC (-5 to 105 °C) ; Cond: ATC / MTC (-5 to 100 °C) ; DO: ATC (-5 to 46 °C)			ATC / MTC	
	GLP	Yes				–
	Datalogging	Yes				–
	Memory	Up to 1000 data sets per parameter			500 data sets	100 data sets
	Operating Temp.	5 to 45 °C			0 to 50 °C / 32 to 122 °F	
	LCD Display	Windows® CE colour touchscreen (11.43 x 15.24 cm)			Graphic LCD with backlight (5.9 x 7.8 cm)	Custom dual-display LCD (5.6 x 7.5 cm)
	Input	DC socket, 2 DIN, 2 BNC, 2 phono (ATC), FET, SD card, USB-A, USB-B, RJ45, audio	DC socket, DIN, 2 BNC, 2 phono (ATC), FET, SD card, USB-A, USB-B, RJ45, audio	DC socket, DIN, BNC, phono (ATC), FET, SD card, USB-A, USB-B, RJ45, audio	DC socket, BNC, 8-pin DIN (2-cell or 4-cell), RS232	DC socket, BNC, 8-pin DIN (2-cell)
	Output	USB, IrDA, RS232C			RS232	–
	Power	9 V DC adapter, 3.3 A (100 / 240 VAC, SMPS)			9 V DC adapter, 1.3 A (100 / 240 VAC, SMPS)	
Dimensions (LxWxH); Weight	Meter	16.5 x 23.5 x 8.9 cm ; 1100 g			17.5 x 15.5 x 6.9 cm ; 650 g	
	Boxed	49 x 28 x 16 cm ; 3990 g			30.8 x 23.5 x 12.4 cm ; 1800 g	

** Maximum 199.9 ppt depending on factor setting ** Maximum 500.0 ppt depending on factor setting*

Multi-Parameter Bench Meters

Item	Order Code	Part No.	Parameters												Electrodes										Accessories					
			pH	pH FET	ORP	Ion	Conductivity	TDS	Salinity	Resistivity	Dissolved Oxygen	BOD	OUR	SOUR	Temperature	pH Electrode (EC620130)	pH Electrode (ECFC7252101B)	pH Electrode (ECFG7370101B)	Conductivity Electrode (EC620165)	Conductivity Electrode (EC620165)	Conductivity Electrode (CONSEN9501D)	Conductivity Electrode (CONSEN9201D)	Self-Stirring Dissolved Oxygen Electrode (EC620SSP)	ATC Probe (EC62019)	CyberComm 6000 DAS Software	Integral Electrode Holder	Power Adapter	RS232C Cable	pH Electrode Refill Solution, 60 ml	pH & Conductivity Sachets
PCD 6500	ECPCD650044SC	01X374114	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•			•	•	•	•	•	•		•
PCD 6500	ECPCD650044S	01X374106	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•			•	•			•	•		•
PC 6500	ECPC650043SC	01X374011	•	•	•	•	•	•	•	•					•	•			•	•				•	•	•	•	•		•
PC 6500	ECPC650043S	01X374005	•	•	•	•	•	•	•	•					•	•			•	•				•			•	•		•
PC 6000	ECPC600043SC	01X373611	•	•	•		•	•	•	•					•	•			•	•				•	•		•	•		•
PC 6000	ECPC600043S	01X373605	•	•	•		•	•	•	•					•	•			•	•				•			•	•		•
PC 2700	ECPC270043S	01X543906	•		•	•	•	•	•	•					•			•				•					•	•	•	•	
PC 700	ECPC70043S	01X543601	•		•		•	•							•		•				•						•	•		•	

Replacement Electrodes

Used With	Description	Order Code	Part No.
PCD 6500 / PC 6500 / PC 6000	General purpose glass body open pore refillable pH electrode, 12 x 160 mm & 10 ml refilling electrolyte	EC620130	01X218972
PCD 6500 / PC 6500 / PC 6000	ATC probe, 1 m cable	EC62019	01X306504
PCD 6500 / PC 6500 / PC 6000	Epoxy-body 4-ring Conductivity electrode, cell constant K=1.0, DIN connector, 1 m cable	EC620165	93X219046
PCD 6500	DO / BOD electrode with self-stirring mechanism, 1 m cable	EC620SSP	01X295704
PC 2700	Glass body double junction Ag/AgCl refillable pH electrode, 12 x 110 mm, BNC connector, 1 m cable	ECFG7370101B	93X218819
PC 700	General purpose plastic-body single junction gel-filled pH combination electrode, 12 x 90 mm, BNC connector, 1 m cable	ECFC7252101B	01X099412
PC 2700	4-cell, epoxy body, graphite sensor, "Bulls Eye" Conductivity electrode, ATC, cell constant=1.0, 12 x 120 mm, 8-pin DIN connector, 1 m cable	CONSEN9201D	01X244730
PC 700	2-cell, stainless steel sensor, ultem-body Conductivity electrode, ATC, cell constant K=1.0, 16 x 144 mm, 8-pin DIN connector, 1 m cable	CONSEN9501D	01X466601

Accessories

Used With	Description	Order Code	Part No.
PCD 6500 / PC 6500 / PC 6000	CyberComm 6000 (21 CFR Part 11 compliant CyberScan 6000 series application software)	ECDAS6000	01X415501
PCD 6500 / PC 6500 / PC 6000	100 / 240 VAC SMPS power adapter, 9 V, 3.3 A, centre -ve with 2-pin power cord	60X030128	60X030128
PC 2700	100 / 240 VAC SMPS power adapter, 9 V, 6 W	60X426401	60X426401
PC 700	100 / 240 VAC SMPS power adapter, 9 V, 6 W	60X030130	60X030130
PCD 6500 / PC 6500 / PC 6000	RS232C communication cable – 9-pin male to 9-pin female connector, 1 m cable	ECCA02M09F09	30X219503
PC 2700	RS232 to USB cable – use with 30X427301 cable to connect 2700 to USB port of PC	30X544601	30X544601
PCD 6500 / PC 6500 / PC 6000	Secure Digital (SD) memory card, 256 MB, Sandisk	01X419901	01X419901
Self-stirring Dissolved Oxygen electrode (EC620SSP)	6 assembled membrane caps & electrolyte solution (20 ml)	EC637DOM	01X241607